84" Ultra HD Interactive Touch Display

6-Point Touch-Enabled Display with Larger-than-life 4K Screen

CDE8451-TL

The ViewSonic® CDE8451-TL is a stunning 84" 4K Ultra HD interactive touch display. Delivering four times the detail of Full HD displays, the CDE8451-TL is ideal for higher education and corporate meeting applications, as well as for scientific, GIS, and wayfinding applications. The 6-point touch-enabled display allows up to six users to simultaneously write or draw on the display's surface using their fingers or styluses. The large-format LED screen and Ultra HD 3840x2160 resolution guarantees the ultimate in color, clarity, and image detail. Equipped with a tempered glass overlay, anti-glare treatment, and rounded corners, the CDE8451-TL is designed for heavy usage in high-traffic areas. The ViewSonic CDE8451-TL Ultra HD interactive touch display is the perfect solution where ultra-high resolution imaging and touch interactive performance is needed.

4K Ultra HD for the Ultimate in Image Quality

Ultra HD 3840x2160 resolution delivers four times the resolution of regular HD. With four times the resolution, the CDE8451-TL displays images with four times more detail, depth, and clarity. Even when interacting up close with the huge 84" touch screen, you'll see images that remain vivid and sharp without any noticeable pixilation. With 4K Ultra HD resolution, the CDE8451-TL delivers a breathtaking viewing experience with immersive images that are vibrant, clear, and as large as life.

Optional Slot-in PC Powers 4K Interactive Functionality

With an optional slot-in PC, the CDE8451-TL can be quickly transformed into an interactive large format display. The optional slot-in PC (NMP-708) utilizes the Intel® Core™ i5 processor, as well as the Windows® 8 operating system, to provide additional computing power and touch functionality for fast-moving educational, corporate, or scientific environments. In addition, an NVIDIA® GeForce® GT GPU card provides accelerated video performance needed for 4K graphics.

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Advanced 6-point Touch-enabled Capability for Group Interaction

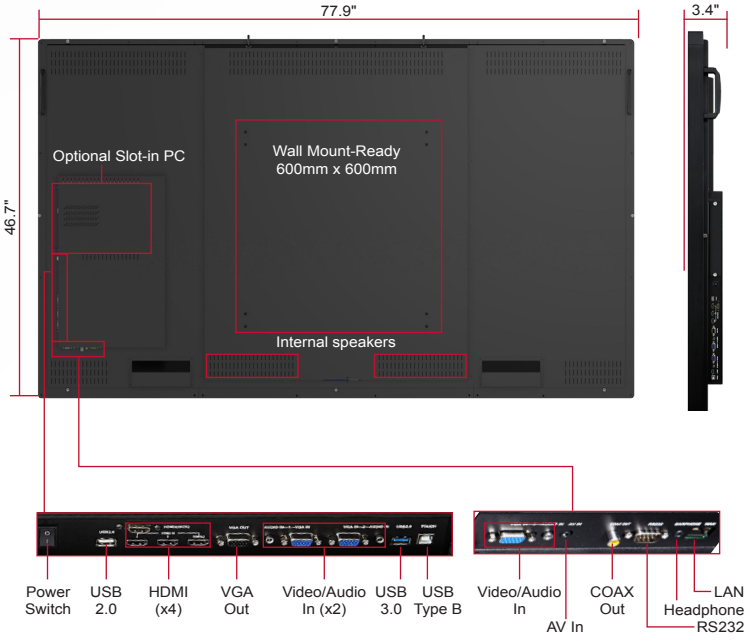
With 6-point simultaneous touch technology, the CDE8451-TL encourages group interaction. Up to six users can simultaneously write or draw on the display's surface using styluses or their fingers – or both at the same time! And its superior touch report rate provides a smoother user touch experience for both educational and corporate applications.

ARM Dual-core CPU with Android™ 4.2 OS and 8GB storage

Equipped with a powerful dual-core processor and Android 4.2 OS, the CDE8451-TL provides smooth, lightning-fast computing, as well as quick and responsive touch capabilities no matter what applications are running. In addition, users can enjoy diverse Android multimedia applications such as social networking, cloud services, and online video.

Convenient Tools Included with ViewBoard Software

ViewSonic's easy-to-use ViewBoard™ software lets you write, highlight, edit, and transform documents and images on-screen in real-time. It also features convenient screen recording and magnifying functions, meeting notification alarms, and allows cloud server access to online resources.



Applications

- Higher education
- Corporate meeting rooms
- Scientific and GIS environments
- Wayfinding

Optional Accessories (sold separately)

i5 Slot-in PC (NVIDIA graphics/4K)	NMP-708
Trolley Cart	LB-STND-003
Wall Mount	WMK-047
USB Wireless Adapter	WPD-100

Specifications

PANEL	Type	84" color TFT LCD Module with LED Backlight
	Display Area	73.2" horizontal x 41.2" vertical; 84.0" diagonal
	Optimum Resolution	3840x2160
	Contrast Ratio	1600:1 (typ)
	Viewing Angles	178° horizontal, 178° vertical
	Response Time	8ms
	Light Source	Long life, 50,000 hrs. (typ)
	Brightness	350 cd/m²
	Aspect Ratio	16:9
	Panel Surface	Anti-glare, hard coating 7H scratch resistant
INPUT	Video Input	HDMI, component, VGA, CVBS
	Video Output	VGA
	Control Input	RS232
AUDIO OUTPUT	Speakers	Internal 10-watt (x2)
INPUT SIGNAL	TV/Video Comp	480i, 480p, 720p, 1080i, 1080p, 4K2K
CONNECTOR	Analog	15-pin mini D-sub (VGA), RCA Audio In, headphone out
	Digital	1080p HDMI (x3), 4K2K HDMI (x1), YPbPr, CVBS, SPDIF, USB (x4)
	Power	3-pin plug
CONTROLS	Panel	Power, Home, Return, Setting, Vol-, Vol+
OSD	Input	PC, Android, AV, VGA1, VGA2, VGA3, HDMI1, HDMI2, HDMI3, HDMI4
	Light	1~100
	Volume	0~100
	VGA	H Position, V Position, Phase, Clock, Zoom, Auto Adjust, Writing Mode
	Picture	Brightness, Contrast, Hue, Sharpness, Color Temp, Zoom, Writing Mode
Android System	Setting	Ethernet checking, Sound,Display, Apps, Language & input, Date & time, About device
	Annotation	Annotation menu, Return, Main, Pen, ViewBoard Lit, Open file, Screenshot, close menu
	Interface	ViewBoard Lit, Finder, Browser PIP, Setting, Apps
Multimedia	Image	Close, Zoom in, Zoom out, previous, Play/Pause, Next, Counterclockwise, Clockwise, setting
	Audio	Close, Previous, Play/Pause, Next, Playlist, Loop, Random, Single
	Video	Close, Previous, Fast backwards, Play/Pause, Fast forward, Next, Playlist
		(See user guide for complete OSD functionality)

POWER	Voltage	AC 100-240V (universal), 50-60Hz
	Consumption	550W (typ)
OPERATING CONDITIONS	Temperature	32-104°F (0–40°C)
	Humidity	10-90% (non-condensing)
DIMENSIONS (W x H x D)	Physical	77.9 x 46.7 x 3.7 in. / 1978 x 1187 x 95 mm
	Packaging	85.4 x 53.9 x 12.6in. / 2170 x 1370 x 320 mm
WEIGHT	Net	255.7 lbs / 116 kg
	Gross	321.9 lbs / 146 kg
WALL MOUNT	VESA®	600 x 600 mm
REGULATIONS		CE, CCC, FCC
RECYCLE/DISPOSAL		Please dispose of in accordance with local, state, or federal laws
WARRANTY		Three-year limited warranty on parts and labor

What's in the box?

CDE8451-TL display, power cable, VGA cable, audio cable, USB cable, remote control with batteries, stylus (x3), ViewSonic Wizard CD (User Guide and ViewBoard software)

ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by TUV NORD.

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